

SEQUENCE LISTING

<110> TANG, Jiliang
HE, Yongqiang
TANG, Dongjie
FENG, Jiaxun
CHEN, Baoshan
LU, Guangtao
JIANG, Bole
XU, Rongqi

<120> A GENE ENCODING PHOSPHOENOLPYRUVATE SYNTHASE FOR PLANT PROTECTION
(AS AMENDED)

<130> 606932000100

<140> US 10/581,099

<141> 2004-12-01

<150> PCT/CN2004/001386

<151> 2004-12-01

<150> CH200310116875.X

<151> 2003-12-01

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<170> PatentIn version 3.1

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85          90          95
Pro Glu Leu Asp Arg Asp Ile Arg Ser Ala Tyr Glu Lys Leu Cys Ala
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| Ile | Ser | Asp | Glu | Asp | Val | Gln | Glu | Leu | Ser | Lys | Gln | Ala | Leu | Val | Ile | | |
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| Ser | Gly | Val | Ala | Arg | Val | Val | Arg | Ser | Leu | Glu | Asp | Met | Asn | Arg | Val | | |
| | 370 | | | | | 375 | | | | | 380 | | | | | | |
| Gln | Ala | Gly | Asp | Val | Leu | Ile | Ala | Asp | Met | Thr | Asp | Pro | Asp | Trp | Glu | | |
| 385 | | | | | 390 | | | | | 395 | | | | | 400 | | |
| Pro | Val | Met | Lys | Arg | Ala | Ser | Ala | Ile | Val | Thr | Asn | Arg | Gly | Gly | Arg | | |
| | | | 405 | | | | | | 410 | | | | | 415 | | | |
| Thr | Cys | His | Ala | Ala | Ile | Ile | Ala | Arg | Glu | Leu | Gly | Val | Pro | Ala | Val | | |
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| Val | Gly | Ser | Gly | Asn | Ala | Thr | Asp | Val | Ile | Ser | Asp | Gly | Gln | Glu | Val | | |
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| 465 | | | | | 470 | | | | | 475 | | | | | 480 | | |
| Pro | Leu | Lys | Ile | Met | Met | Asn | Val | Ala | Asn | Pro | Glu | Arg | Ala | Phe | Asp | | |
| | | | 485 | | | | | | 490 | | | | | 495 | | | |
| Phe | Gly | Gln | Leu | Pro | Asn | Ala | Gly | Ile | Gly | Leu | Ala | Arg | Leu | Glu | Met | | |
| | | | 500 | | | | | 505 | | | | | 510 | | | | |
| Ile | Ile | Ala | Ala | His | Ile | Gly | Ile | His | Pro | Asn | Ala | Leu | Leu | Glu | Tyr | | |
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| Asp | Lys | Gln | Asp | Ala | Asp | Val | Arg | Lys | Lys | Ile | Asp | Ala | Lys | Ile | Ala | | |
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| Gly | Tyr | Gly | Asp | Pro | Val | Ser | Phe | Tyr | Ile | Asn | Arg | Leu | Ala | Glu | Gly | | |
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| Ile | Ala | Thr | Leu | Thr | Ala | Ser | Val | Ala | Pro | Asn | Thr | Val | Ile | Val | Arg | | |
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| Arg | Tyr | Glu | Pro | His | Glu | Glu | Asn | Pro | Met | Ile | Gly | Phe | Arg | Gly | Ala | | |
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| Pro | Ser | Asp | His | Pro | Glu | Leu | Ala | Glu | Trp | Leu | Met | Gln | Glu | Gly | Ile | | |

| | | | | | |
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